

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (Modified) (REV. 10/95)		ATTORNEY 04558.039001
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 09/462109
INTERNATIONAL APPLICATION NO. PCT/JP98/02954	INTERNATIONAL FILING DATE 29, June, 1998 (29.06.98)	PRIORITY DATE CLAIMED 2, July, 1997 (02.07.97)
TITLE OF INVENTION Composite Reverse Osmosis Membrane and Method of Producing the Same		
APPLICANT(S) FOR DO/EO/US HIROSE, Masahiko; ITO, Hiroki; and OHARA, Tomomi		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 8. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 9. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 10. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 		
<p>Items 13 to 18 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A change of power of attorney and/or address letter. 19. <input checked="" type="checkbox"/> Certificate of Mailing by Express Mail 19. <input checked="" type="checkbox"/> Other items or information: 		
<p>Request for PCT Application and English Translation of same</p> <p>A copy of published WO99/01208</p> <p>A copy of the English translation of the Written Amendment under Article 34</p> <p>A copy of the English translation of the Written Reply under Article 34</p> <p>Notice Informing the Applicant of the Communication of the International Application to the Designated Offices</p> <p>Acknowledgement postcard</p> <p>English Translation of PCT Chapter II Demand</p>		

U.S. APPLICATION NO. (IF KNOWN SEE 37 CFR 1.492(e)) 09/46210	INTERNATIONAL APPLICATION NO. PCT/JP98/02954	ATTORNEY'S DOCKET NUMBER 04558.039001																
20. The following fees are submitted.:		CALCULATIONS PTO USE ONLY																
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :																		
<input type="checkbox"/> Search Report has been prepared by the EPO or JPO \$840.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) \$670.00 <input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$760.00 <input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$970.00 <input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$96.00																		
		\$970.00																
ENTER APPROPRIATE BASIC FEE AMOUNT =																		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).		\$0.00																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>17 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$78.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (check if applicable).</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: right;">\$0.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	17 - 20 =	0	x \$18.00	Independent claims	2 - 3 =	0	x \$78.00	Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>	\$0.00	\$970.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE															
Total claims	17 - 20 =	0	x \$18.00															
Independent claims	2 - 3 =	0	x \$78.00															
Multiple Dependent Claims (check if applicable).		<input type="checkbox"/>	\$0.00															
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable).		\$0.00																
SUBTOTAL =		\$970.00																
Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)).		\$0.00																
TOTAL NATIONAL FEE =		\$970.00																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		\$40.00																
TOTAL FEES ENCLOSED =		\$1,010.00																
		Amount to be: refunded \$ charged \$																
<p><input checked="" type="checkbox"/> A check in the amount of \$1,010.00 to cover the above fees is enclosed.</p> <p><input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 50-0591 A duplicate copy of this sheet is enclosed.</p>																		
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Jonathan P. Osha, Reg. No. 33,986</p> <p>ROSENTHAL & OSHA L.L.P. 700 Louisiana Street, Suite 4550 Houston, Texas 77002</p> <p>Telephone: (713) 228-8600 Facsimile: (713) 228-8778</p>																		
 SIGNATURE																		
<p>Jonathan P. Osha</p> <hr/> <p>NAME</p> <hr/> <p>33,986</p> <hr/> <p>REGISTRATION NUMBER</p> <hr/> <p>December 30, 1999</p> <hr/> <p>DATE</p>																		

09/462109

430 Recd PCT/PTO 30 DEC 1999

Docket No.

04558.039001

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Masahiko HIROSE et al.

Serial No.

Filing Date
December 30, 1999

Examiner

Group Art Unit

Invention: COMPOSITE REVERSE OSMOSIS MEMBRANE AND METHOD OF PRODUCING THE SAME

I hereby certify that this PCT National Phase Application

(Identify type of correspondence)

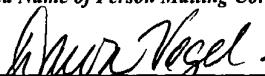
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on
December 30, 1999

(Date)

Dawn-Marie Vogel

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

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